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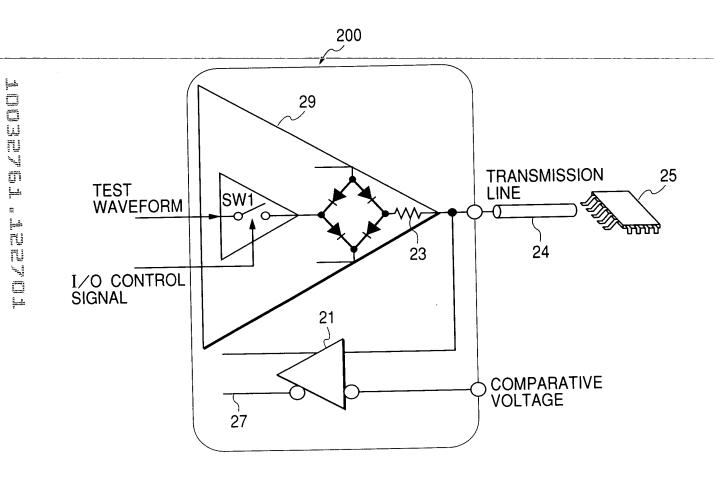
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FIG. 1



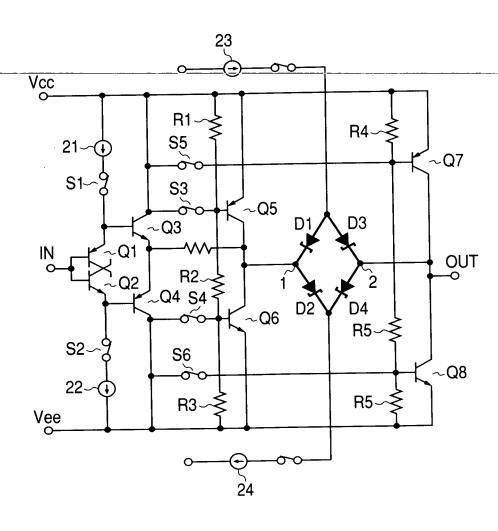
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FIG. 2



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FIG. 3A

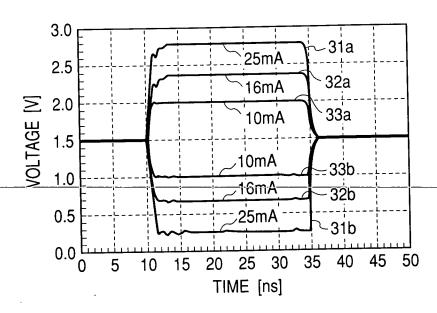
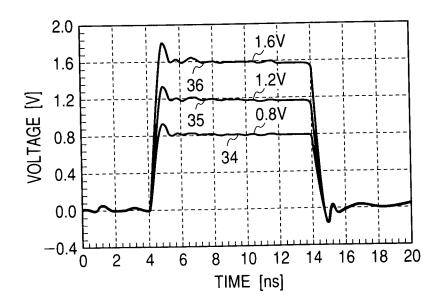


FIG. 3B



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FIG. 4A

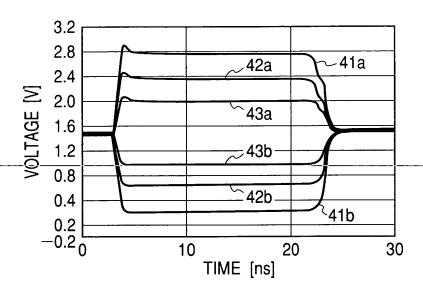
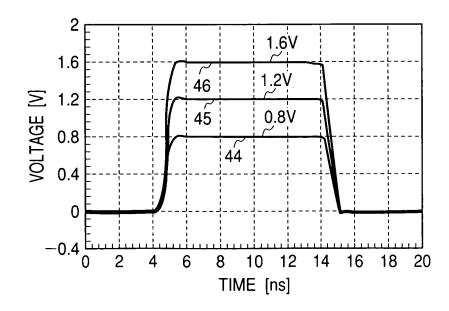


FIG. 4B



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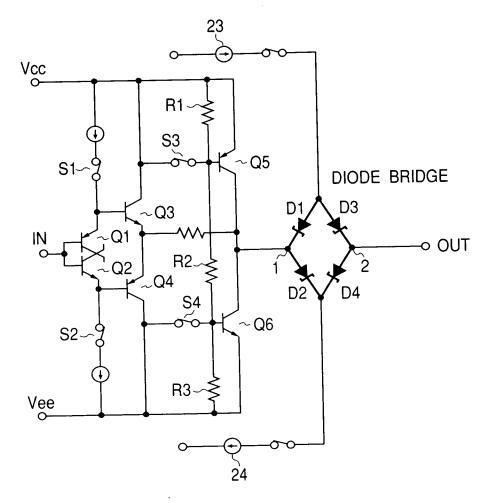
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FIG. 5

ITEMS	INTEGRAL-TYPE DRIVER	CONVENTIONAL	
		DRIVER	DYNAMIC LOAD
ELECTRICITY	4.5W	3.6W	3.5W
CONSUMPTION		7.1W	
0111D ADEA (21	4.0×4.0	3.7×3.7	3.0×3.0
CHIP AREA [mm²]	=16.0	=22.69	
LIQUATING AREA (2)	460	690	
MOUNTING AREA [mm²]			

FIG. 6



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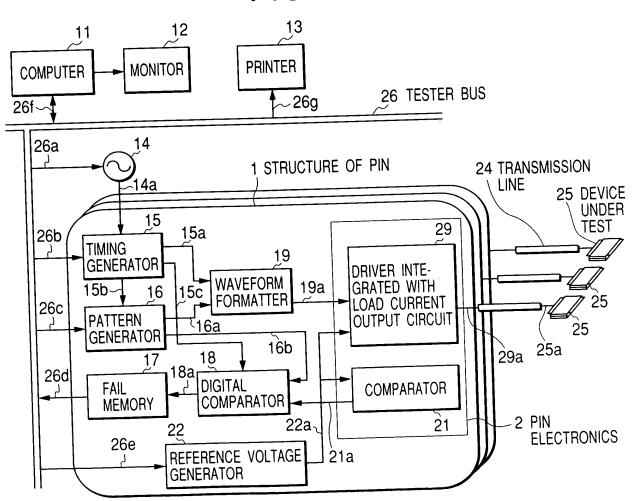
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FIG. 7

ITEMS	CIRCUIT SYSTEM OF FIG. 2	CIRCUIT SYSTEM OF FIG. 3
ELECTRICITY CONSUMPTION	700mW	1500mW
	0.7 (CONVENTIONALLY 1.0)	0.7 (CONVENTIONALLY 1.0)
RISING TIME (1.6V)	200ps	300ps





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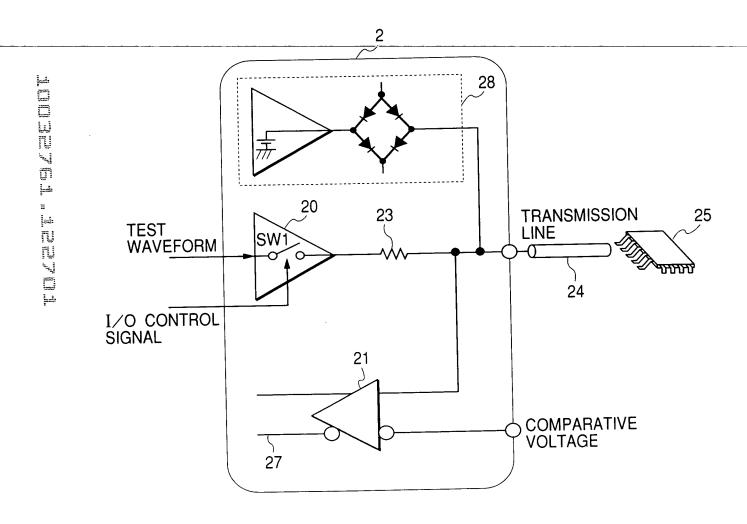
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FIG. 9 PRIOR ART



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FIG. 10 PRIOR ART

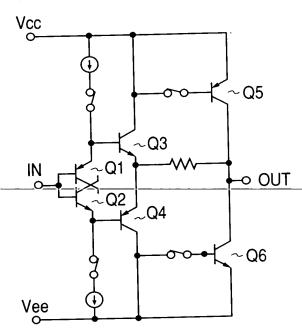
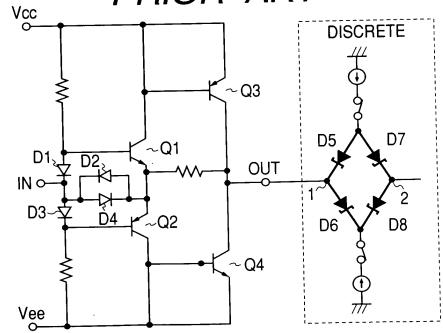


FIG. 11 PRIOR ART



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